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Inaugural Difertation

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The Effects of Cold

By

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Sames P. Boyd

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New York

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Effects of Gold

The subject of Cold, and it offects, had attracted the alteritum of the just present the state of the many terms of the present of the state of the state

sily limited; In the fo to, when ruly a afluence; and Tid, but succes 14 degree Tits My a relative to perious sends redd at diff my. This may satach with so lot leands he how temperate will limited; and whose information therefore is

In the following remarks, I propose, after some guesals abservations in the offset of tale to conside as, fast it effects whom applied to the subset surface of the body, producing that state called objects as west its Local effects in the pleasurement ophilic the whom why a peat of the body is subjected to its influence; and lastly, the treatment.

Like is new generally tembridand, at pretting particula, but presely the absence of heat in a greater or lip degree. With respect to the Human body, it is may a relative respect to that Human body, it is may a relative temperature; so that the panel degree of last particular supported feelings. It shall may be illustrated by previous one hand tear a fire r in a vefel of norm porter, while the other is in social with found in the color of the period of the period with found to the color with found in the color of the period with a period inverted into writer of the period inverted into writer of the period with particular of the period with period with the period inverted into writer of the period with particular of the period with period with the period inversible that period with the pe

1 to that of Edd while on the Vitual cold is whit we contra but of letters. El lepends on a tik. Edd if me in to the tal situated in Los summents a and on the con ind of the Fry & Higier chas will be that of cold to the hand that was near the fore, while on the contrary the other will feel warm.

Natural cold is noing to physical causes, over which man had no controll, and which obly the common laws of Mature. The temperature of different coun tried depends on a variety of cucumstances. Elevated situations are colder than those that are les so, al. though both situated in the same degree of late. tude. Cold is modefied by the action of the winds, and depend upon the quarter from whence they came In this part of the globe Morth would are always cold, owing to the immense fields of ice, and the moun. tains setuated in the region from whence they come whose summits are storedly covered with how down wends, on the contrary, paping over the burning te. giand of the Propect, are of a sure elevated temperature. Cold climates have evidently great influence an

told character for heave to the star to the player as feed on a the plant of heaveless have placed. The diministest from of the Laplanda has been accounted for in

E mansell ist drived, wide activities Stein pu chinate, i jumbined: can minulectional es the Northern sea leta period. fern: nor is quantity as in ul climates, ence at the a buch carlier the of six our be, and other to wacuation true, and so I long intera ing the Sun 'w number in to each it portion of the human Da. ver churate. The destructive action of an icy Rimpina. . line: Italiere . Much in her moliones, Hornie in her demensioned: can produce only, beings, whose Hugecost later period. The females do not ment trunte so quantity as in more simpricate climates. In reprical climates. The Catameria make Their " , " lance at the are of clever years, and item at a much earlier said, and are discharged in the just An and other countries of the same temperature in one and were there is an outle month, and Viene the Summer Months. The smalls the

The Secretary - Truck is neduced lu un trutteen buil - merch to me you we to see med to be too milie.

in the substitute of the substitute of another substitute of the s

The unflammed of Cold of other results on his in said asserted to the case the I thinked a specia acces of the uniterestimate of both that him then a tender in the thinked has a tended to the thinked his a tended to the tender, in to exist two an atmosphere votors temperature it pelose the jusquey jound y was the have recovered to puch places of abode in thinker.

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I are notested some in weath o the climate . Some burn themselved in the tack and then rap the waver in a state of loopidity. The fish betake there which to dee's waters; while the reathered bribes wing their way, to a more conquial they. The dilment julia o The where animal. are found we see in situations adasted respectively to their constitu sings sured to their different conditions. House we ind. That the animals of the ound your, are con wed with hair: Those " a more lumperate clim the with wood; while those that are delined to rown in the prosen region of the leath, are cover led with thick her. Man. however it found in were suit ! be lobe. maintaining a Jupenority

week at is that a mattered to exported from there took as that continue is the exposite and continue with any

The harry . " 40. 30. 40 a were and I The father cone wel our he is soul or co stuy cola ... - mille ice latera Par Comer the trust is de Homen de

the haven a matter monthly, that is could in contact a moderat shit property Calone I sound toth in lung and lead watter but is it stresmit teal i town bodies were not a mysel, there myselus brokes Those it holds we common with or ame matter 1,'s rout. The living body, however enjoys the power ? resting cold, and preserving nearly the same in, . nature, under the progen climate of the Arche is went at under the burning atmosphere of the med ; me dure the most severe winted and the he "el own weed". This power of enteating head exercised to me human body in a state of health. is about as " Faht: birds have a higher Uniperature, while we Cold - blooded animals. las The are called .. . inc. is turn in the langue books.

That are many remorkable instances on record, which while the was striken enaute. Het prove i he su.

Law on mi al and he d and gette a andre 1 1 i Madriere ... Lande II me a real in rate there were not in an in leaves in is and to the . - torse were it when he artered

. wan writing to retick cold . he riche in his new to durine in al hours. hat the was belants of and come in altered to these ordinary occupation! in the pure ou with tellle is we unsucunust, when the there mente is at 10 15 re were 20 to was being the good , Jeanney, and that some will doud muster line in through healed in the lit is our is por lever to. . wither in the cot with their heunds duppy in the in whice all he white, and have stothed they will we that at the rund legge suns, i though his Acres were wanted it mi. W be obtained some he his tries : went who were surrend the west what Hibrer celd which can'ed were he lead to be well the twee . he take a , or abor being to I train theme The are many curum laced that tunder the note more tentice to be officely cold. It was not mu to were remarketante a hore intermed in to a In whom he relieve if he heard and webent is stone and were , and whose de slive in redul deci wel

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jujum it functions with is much regar to record to color them there it a unit of surround energy machine of the motion, and also which he asked had been termed to prove the color of the termed to the surround excellent to the fact of the minutes of the total server. I surround to the surround to the surrounding the surrounding to the surrounding to the surrounding to the surrounding the surrounding to the surrounding the surrounding the surrounding to the surrounding the surrounding to the surrounding the surro

On the interry in ground, and vigroust person all he purchast of the thomas become him me can perform for any performance and tonce the her are of a lock or series a great do see, exhelity and of the stock of our large of manufact is commonly a the manufact is commonly a power ulig to luming as the

ton 2 whomas and to mile and a second In the co Tilme " C. Acces as mintere al tax min. " stand particularly the Enculating, and of cunsure re return of the ortal power, which Handy which to delik

"Habit modifies the effects of lold; have we we that those persons who are born in lost there countries and continually exposed to the security of the established faled to a warner climate, or who pass the quater wild produce no unpleasant effects; in another from a more suite climate, would be followed by a slive. frum, rigidity, and a defree of unmobility, which sould only be overcome by a multiplicity of covering and suscocrance in the use of exacise. By the con sinued application of cold the culicle , and true thin and precedence to a mental ilman's home i's same jul sain uncert. "in tuckness of the show it was manual on the bould of initial and the times

harmed . The in Cali un ni maka te to were " feels are and " in the work n of any other class of passes, whose occupation cause their frequent exposure to the weather.

Temperament, also influences the exicle of cold Present of the Sanguine Compensarios chain larged by part wheely and hedomenance ; the Some we send bother a thony gregural sent rejular gutte, however succepte bilet love . we are more prequently not with France and ofthe in horthern chander, in fact I it The mas into conservere, the constant and energetic reaction I he sewer , "he vicculater instem a real the in forth of external cold. In the century here were an ; we'll the Auciculs called the Pelistons, and we her and the Lymphatic lumberament, marked tous pale countenance the list igt and all the what re ed were n les laward, in Juck minus. Cold a its yfeels are were ted with lep way y, and are more app to be overcome by is dell'enous, and some ul "

the presention of cold to the lodg in a luchach derice, instead . Jones in mounted to its or and was in



to contrary, a beneficial, and salutary officel by com untraling the ortal Incel, and maly matter, all its questions to be in formed with well wire and energy. The 5.16 recount shown and some rement in de stier a and runner that with with most own , and "it resilien are increased in quantity of hecterate to me cold by How promoting dejection, and jume activity Is in circulation, according to la humand, two muchty animal heat ! exterio is indied in ma'is resultly, it right " in Stone of but set haved and corned of by to its and "arrowally todal who be in he to jett It is unterficiented by much writers that thurst is dominabled, while it he same time the appelite is in water "in much accounted in to the mounte; the recutions; The any monted officero of the lastuce puce who the Stomach promoting a specite while the unward flow of saliva cute the would would holivales leave a tendency to oberate thust. For we the during the her, there of the reculious are worked up, and the juices dunt intelle destaluic



of mousture. Fine is great thinks that as some as the u. 'cultions are wetnest. Thirst dire's west immediately

Moderate cold. Then applied to the body, and at unded with a perpertionale reaction of the lyrium, my duces a Venic offect. Hur the Janua gent that Hural out to destron it the insur line movies the sustain to

But when cold is applied of greater intensity, its effects are more apparent. The circulation through the small superficial vepels, is relaided, and weakened and serve particularly in those parts that are simple from the centre of the circulation; as the feel, hands face exposed to the atmosphere, a other hisourie suedium, by which the feat is carried off. Culaus and parquestion is pupper part; the oken becomet pale, and contracts around the Muliary glands and hairs producing that peculiar roughness which has how on hed Cutis descense, from its resemblance to the · new of an union there of goods? "Let it i hatel he

adding to who the show smoul; the ac a inte la . . in , the air

when y tremering our the velocie hody, with record explainer of the terms paser. The finger are becaused and think medicine composited, and difficults med commentation, such populate, and heiny bledient to the will. The same is the case with the feel, which also assume it was said to be composited in top in demonstration of lath in extreme pasts it had to be sent that comments of lath in extreme pasts it had not be sent that comments in the same of lath in extreme pasts it had not be sent that the same of the colored terms of lath to the same of the same this feet.

The face or the perturn to deques exhausting, the nearline have no perpetuine to the dishibitation process. The action of the head and arbeies, become near 'cole: The birsh is estanded in superiors the party inne portionalist the exhausted viction to the thin terms portionally the exhausted viction of the thin terms of a pluming width or black offers, and the criticise is continuely delateleded. This decommon time of the face of a pluming of the standard of the surface of the others of the face of the process of the standard of the document and the others of the surface of the standard of the document and the others of the surface of the standard of the document and the others of the surface of the standard of the document and the others.

you they outer prin, and with dur 1 a If the whole in by to sleep i "come breakers in instead tony to time the individual his course within a secure may bey train the serie that the a track of may count blood from the Mer Manuel, was track in forger; beaut have their acoust, bands or peck of you as finished in the security of soon of the time that the security of soon of the time that the security of soon of the time tout of the time to the security of soon of the time tout of the time to the security of soon.

At Nac it the stitleth converient between the hard and brain, the energy of the latter differently in the action of the former, for the exciting influence that the section of the board the section of the board school blood. The sectioned action of column cold, life actional distributed by perfect to the brain, and with dimenished valority; the consequence of the while expression a part vascisfille prepared of the while expression as part vascisfille prepared to be sleep in tell. The policies he will be account and the policies of the will be the second and the policies in tells and an exercise, and lift would be about our sure.

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1200 The propensely Mup is the Le some Min Ancing this H. west staking ald moder " June .. a made !

and one his unnot vitals exceping told .

Stretch'd out, and bleaching in the Mathem blast This property to sleep, is pullioned by all authors who have written on the subject : and appears to be the usual attendant of excepies cold. Mr. Hompson honer, says it is doubtful how for the state of Hoop is the wee prese coule wence ; the oppositionalist of cold simply and appears to think there wust be some other curumstance present, capable of ad during the Hole. There are summer buttances recented of persons having sustained cold for a long time without comeing which preparity to fall wate this state. The remarkable and interesting case ; Elizab. He Woodcock wentered by many writers, is the most sticking; who, it is said, remained a week but red under the mow, without steeping a great deal

have darry, in giving a description of the mounte in which the truck is identificant principal from the security of the Rufsian climate, states that a

de line to the at Pour Sugar him . red remember white that dimnep of right. Falence of the run Rusacce. a seel idiotism difficulty of speech, or even a total loss this faculty. breceded death in them: and that they continued to march a longer, or shooter time in this half-lifeles returation supported by their compan iour. There reparated from the main body of the terops, they fell into ditates of more; where a prime ful numberes, followed by a letterine descrip. riged them, which soon terminated their contily till icect. It all remembes but frequently to me death han and an involventary dentisers of sums and muchunt a line exchange from the leese Lucy despopered that is was well untikely that the leased at the found becomes was thuck by meet atel , and that the questions of all the want is and it of the nature in mont. Potant consendered the time muderly much ; teether to be a congestion or detrementation to to the sette sell noting in the bufell and while in ites a meetern of threed from the infrefrent puts in "terrally to the level and , in capits. There stell so.

Two act entre Ind. whom after any influence . Weekled 1. me and color ing article to brief to be not cost officed to come to be town, when he fluid recommendation containing no book of the containing to

There was forwards much to mile and stryte I will encuring the turnette in which cold produ is ifice is in the weeds about to made of action Tolune bearing het is pretent the it but me i'me were tree hat I meder by seldenter in mount host winch is a second stemetant. There to do conten unever all the telet 'reclusion and actions to his has all in rebeat, debelokated and uthemstely accorded there are to descripteds, which are himsely testable But show wifter bearing continued ja a lime it stull my intlument is subjected or amored, he without to ves to reach: he lived med actually mi les low's merestica to this worth act regressity and the close which to be was decree pour the surface and despue pearl , well learny there sale constitued and armen one and celerty are the survented of the Jangundens

when with it . :6 1 11 I duedly dedat years to be e ... and his the per for me a contra to cold him . to de retire . "county that if not understed to suitable remedial intermedial, intermedial, with all its mention securities, succeeding the public in its house. There are the inchisect, and more actions of facts of the

Cultice sivided to finds who It limelant. Tou ic. and Notative, but this devision und have auxur from his confounding the durch, with the indirect effects; so that when he speaks of its Himulant bon a, he means its indirect action, or the consequences which subsequently result in the endinary lumpastion of the almosphere, after the cold has nesigned its Wace to a wore constained warmete. But, althen, to I is generally admitted, that the operation of cold I directly Sedative, and indirectly of timestant, it ap beaut to be consiller true. That it has a different as liene, check it destalle thursday is it wante just to the practice of spruchling all write on pertens in a Hato ; Someon i consultant the his Ha cold low a sumpety to center by its tractumen

wery to late 1 chi ya w Smith to week and som of the land that had have there it is marken as it is not the moderated it is considered and some has been said in the latter tong when it is some homeour, for specials in the latter tong when it is to be the source of the latter tong when it is to the latter tong when it is to be the latter tong the latter to

A onestion of oreas untrelance has been age taked by tredical such whether the human tody saw were be rethered - the having being regen . Pich he saws that it is wich at the suft puble in a re covere to take place, "when the field in "a hand itself is not hereed love : when his you and lugar bloodrepelo still retain a de un ; valulity: and The is no extravaration in the beau to render "her thing impracticable" and he mutter asiets that bersond who have lain in a royen state as long as four, or hix days have better hestered to life. Mr. Samt Cooper howter hunts and in my opineon, very justly that Richta west be the error; and that the eases of recover he mine thous, were only instances, in which there had been

by the operate an even to Whi 19/10 hir, that lie head to the in

of the predict of edit while mitten to whole look, and even the marker part of it. hard been a charles in

The expression of the steen hander in about the Septembly conditions in their second to a second to be a second

The indication to be jurished in the neck dance of Andrews seen Cert , are first to better thest to the bedge and security, to each responsible, and settle the conditions.

It is advised it a abutet with Stine, Parace Prigettic region I w The mean Beter Currie 40 to the but .. while it down . w. To april : We Alkale to in 1. 1210 Humilation some and is a had and it in ! Victories 1 " contra and the in the for 3 ---

It is advised wat the subsul to berught into a well ventitated noow, and publed gluthe with flan were unbued with stimulating substances; and that then notions, should be applied sume particularly to the Epigastic region; whilst his feet and legs remain ed in The ruran time unmersed in warm water in to the pet of the stomach. Their adioes voctions of aqua ammonia wa the Projectic re you. To about these, we my see spice i'll the Alkale to the nostrits. As som is considerely I : a licitatto restoud, and "to sature is alie to in low; stimulating dinks, at brundy and water warm pout the should be own in quall grand lilies, and prequently ne beated. Corpor recommends o jections of warm wine

to reduce love, his should be substant to run-

By reme it I recommended but the patient

" thus quarden and y under Muceus as an instruction in in restrict to we to me to B ful to a part for true will fine where the Signer freta al I w that com . to ruse our pourture demont

were immediate the site in sucre, or iconold waker in the purpose of watering head were nadually, and , had receded a real the colo the reduct a reaction. to brunsteen a too sudden is decation y weet. But Coclor Heller land my sted the no nesto of making a destruction between the 1'sects of eld on the buston generally is including reign or At when and its treat effects on a find produce in smost bek. In the belle date the second The surface retreate time casely excelable, heat commen under these commentances be applied for had duty to a part that is some information and jungane will be the result. But in the three case, where the sustan junteally, jeels the reduline feels of cold all the cold round we supported The that case is accepted an action is not so with in to write, not destruction of parts to reduce from premedent stemulation, wall be sentourol unclions

nd fan da 194 , 10.1 se in with weil to it I make 1 12 There he could an usualle so · puscul ! - Suday had her die duce . . abella brangeto in the con in when in radia to an iad been purpended

The decal effects remaining from the application of letel be superficial parts depend on the dogue of its allowants. Then perhaps of his brite are reposed to calid. Here become of a need colour, and according to Thermisten; from a target cause of value, the shortfeld, me always find a slight invaire of volume, the a line the pasts aprime a blue or widthink. More the celd is turn instant, the members which were usually suffer, as the pasts, east we become very pute. Though the proven humber of it at all lines aware of what is going on, with travered to some one present. There is a shifteep, and unwelleful at tailing this cleanse of colour in some cases howtime. Here is pure over decourse experience.

to under these concumulations were in a buddless transition to load, from the patients go. ing into a warm room, or was a ne a ling-ling deling staration is perduced; and is often increased to an intime glow, with pain. This being increased to an intime glow, with pain. This being

some recute Selta was the practice / in Fin "he 2, 1.1. in the last in the makath del. on 20 to so . ill come is the prinited to go en inflammation is often the consequence. This is Thompsont fact species of teeth lite, his because surface verscaling, in beneation, in internation, in internation to the content of the second content of

These blewoulna are produced by a Mesdante deque of cold, followed by the application of heat dichter was the first who explained that there is , secreances were not ring to the direct is direction , cold but to the reaction that take place in the yettow. They are the decendary, a indirect of jects of a reduction of temperature. Gold is therefore no more than the judis posing cause of Chilblains. This is confirmed by Larry, who gives many facts which their that inflammation is excited by the oud den change from a cold to a warm temperature During the Aupian expidition, the weather was re . washalis cold, get Muca, to the Harmonite jett from 20, to 30 degrees below the freezing point of Full now of the voldier experienced any inconvenience but as some at the thousandthe rose to 6 n 8 degells

in which a V col, with were allered at come the morine result many begins to compressing with some in their with termships man relative to the best fifth that a thing fitted to a super point in ret; the sets thing defined to be a first that it being defined of both in the beauty defined a set of the sets the super such and a set of the set of the sets the sets as a set of the sets of the se

Then a very instant legacy cost is a soluted six while a cost in the cos

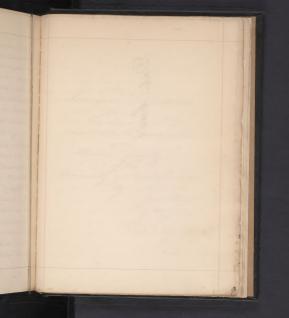
of the stands to seem a gamen credit among weeters with resemble to lumbered of present some to which seems is getter by read, ince as such to be the seem of the town and the meaning that the seems with the seems of the last have the men and the experimental hard to feel with his them seed more such to occasion information and energy of the south meaning weeter any that there and energy to the south meaning the self to be made in the regarded to the median above a self-weet of the median when the self-weet of the median when the self-weeter and the self-weeter and the self-weeter allowed to be made to be made to be made to be made to be made.



very gradually. It is disabled that the affected limb beard bed with more a ver, a immused in very clied water. We temperature of which may be afterwards generally raised . It seems as action, and advancy surveilled in the south farmal web with bounds, a low-smallest put through be patiented. The patient be placed in bed, and perpisation induced by water timbel.

If these means as judiciously applied. The part will be quadrate rectived to a healthy state, but if has be too puddinly applied, it may terminate in a charmic influmention, which will empire stimulants as altered influmential charmes, opints of temperatures, selection of Copier 4.

If purely feation should be the consequence, it must be best as in the same manners as when it series from the course, I are no gardened to destruct to destruction of the first to the series the opposition of the latest to the separation of the things of the the separation of the things of the things of the things of the things of the parties of the parties of the parties of the adultion of Species of Temporation.



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